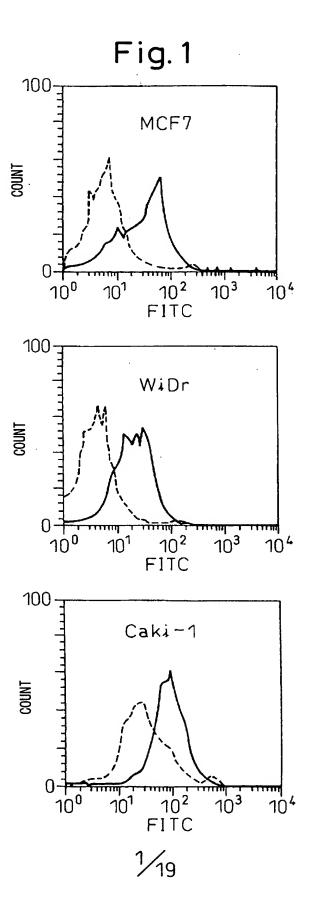
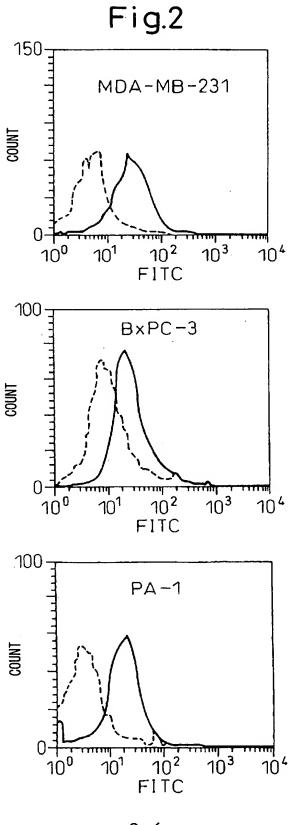
Title: THERAPEUTIC AGENTS FOR SOLID TUMORS
Inventor(s): Shigeto KAWAI et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 053466-0414



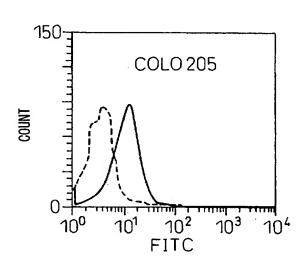
Title: THERAPEUTIC AGENTS FOR **SOLID TUMORS** Inventor(s): Shigeto KAWAI et al. Appl. No.: Unassigned

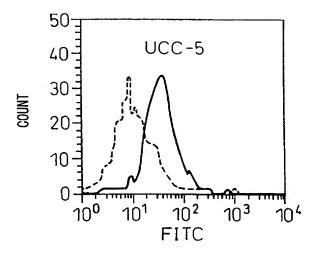
Atty. Dkt. No.: 053466-0414



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Appl. No.: Unassigned
Atty. Dkt. No.: 053466-0414

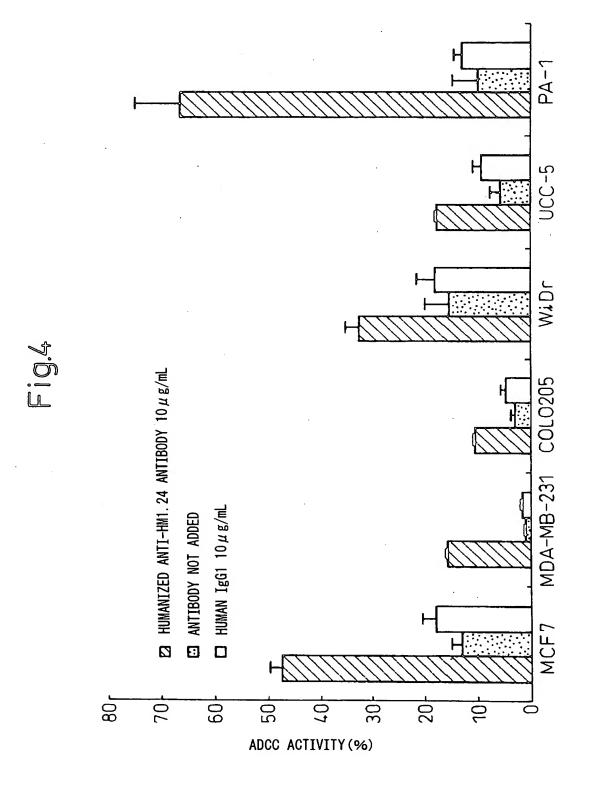
Fig.3





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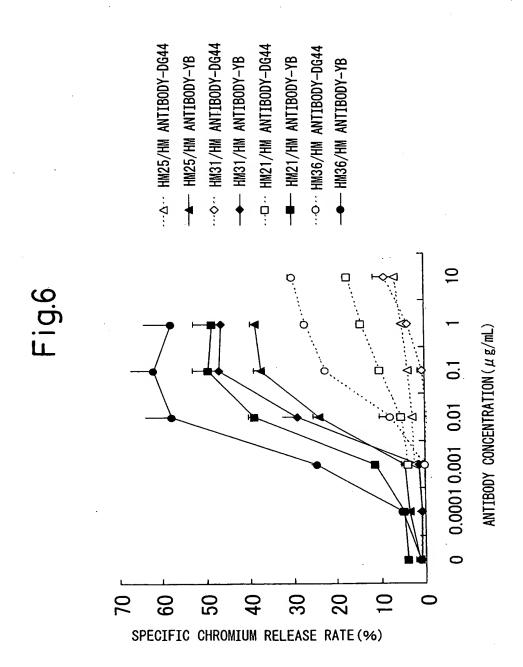
SOLID TUMORS
Inventor(s): Shigeto KAWAI et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 053466-0414

Fig.5

kDa	MW MARKER	4 µg	kDa	MW MARKER	4 µg
			KDU		
	.v. in		200		
97.4	gg or strang.				
66.2	najariistiya fire		116 97.4		
45.0			71.4		
45.0			66.2	-	
			45.0		
31.0	**** * \$p.		31.0		
		خانطنوبان	31.0		
21.5			21.5		
	econoligi.				
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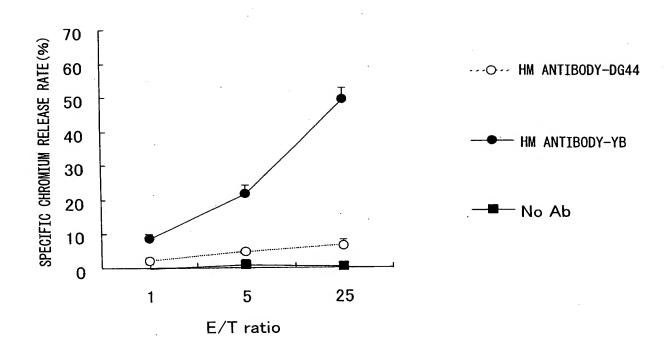
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Inventor(s): Shigeto KAWAI et al.

Appl. No.: Unassigned Atty. Dkt. No.: 053466-0414



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Inventor(s): Shigeto KAWAI et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 053466-0414

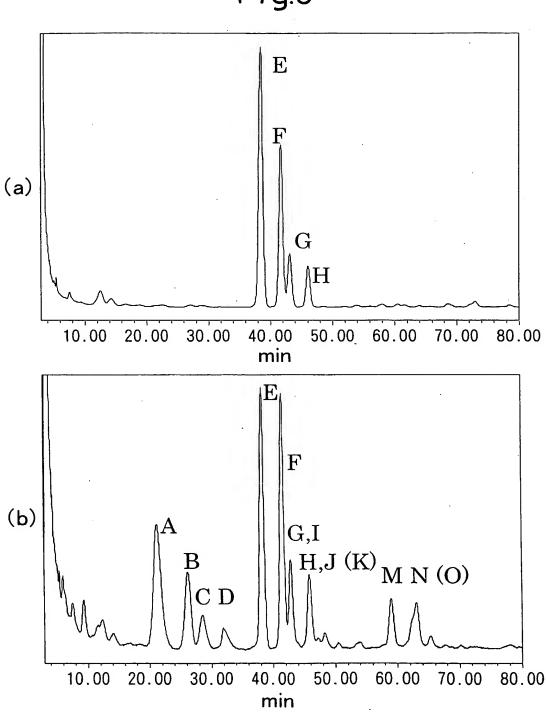
Fig.7



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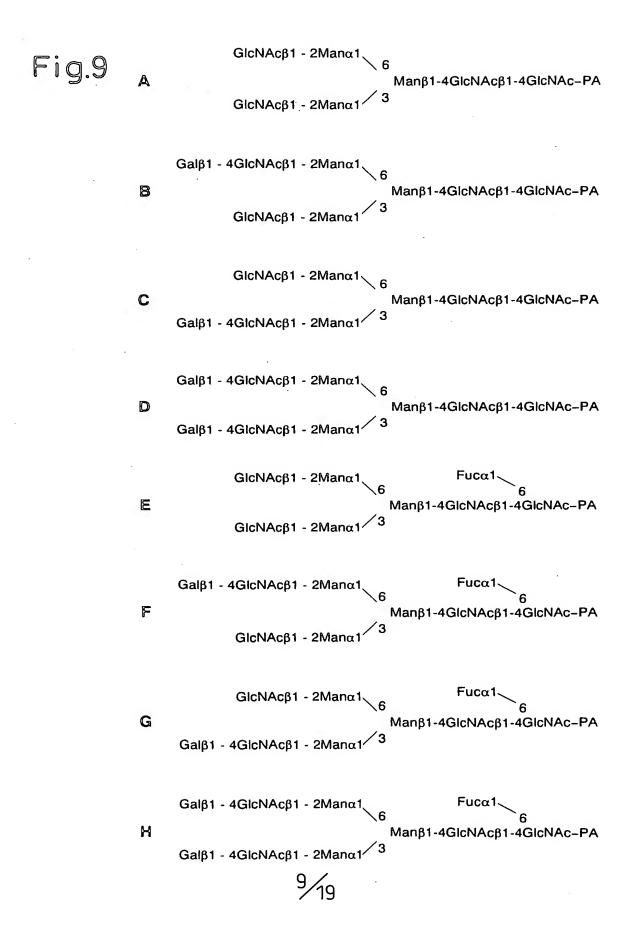
Atty. Dkt. No.: 053466-0414

Fig.8



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Atty. Dkt. No.: 053466-0414



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Inventor(s): Shigeto KAWAI et al. Appl. No.: Unassigned Atty. Dkt. No.: 053466-0414

GlcNAcβ1 - 2Manα1、 Fig.10 GIcNAcβ1 - 4 Manβ1-4GIcNAcβ1-4GIcNAc-PA GlcNAcβ1 - 2Manα1 / 3 Galβ1 - 4GlcNAcβ1 - 2Manα1 GICNAcβ1 - 4 Manβ1-4GicNAcβ1-4GIcNAc-PA GlcNAcβ1 - 2Manα1 / 3 GlcNAcβ1 - 2Manα1 6 GICNAcβ1 - 4 Manβ1-4GICNAcβ1-4GICNAc-PA K Galβ1 - 4GlcNAcβ1 - 2Manα1 / 3 Galβ1 - 4GlcNAcβ1 - 2Manα1 6 GlcNAcβ1 - 4 Manβ1-4GlcNAcβ1-4GlcNAc-PA L Galβ1 - 4GlcNAcβ1 - 2Manα1 / 3 GIcNAcβ1 - 2Manα1、 GICNAcβ1 - 4 Manβ1-4GICNAcβ1-4GICNAc-PA M GlcNAcβ1 - 2Manα1/3 Galβ1 - 4GlcNAcβ1 - 2Manα1 6 GICNAcβ1 - 4 Manβ1-4GICNAcβ1-4GICNAc-PA N GlcNAcβ1 - 2Manα1 3 GlcNAcβ1 - 2Manα1 6 GICNAcβ1 - 4 Manβ1-4GICNAcβ1-4GICNAc-PA 0 Galβ1 - 4GlcNAcβ1 - 2Manα1 3 Galβ1 - 4GlcNAcβ1 - 2Manα1 GICNAcβ1 - 4 Manβ1-4GICNAcβ1-4GICNAc-PA P

10/10

Galβ1 - 4GlcNAcβ1 - 2Manα1 3

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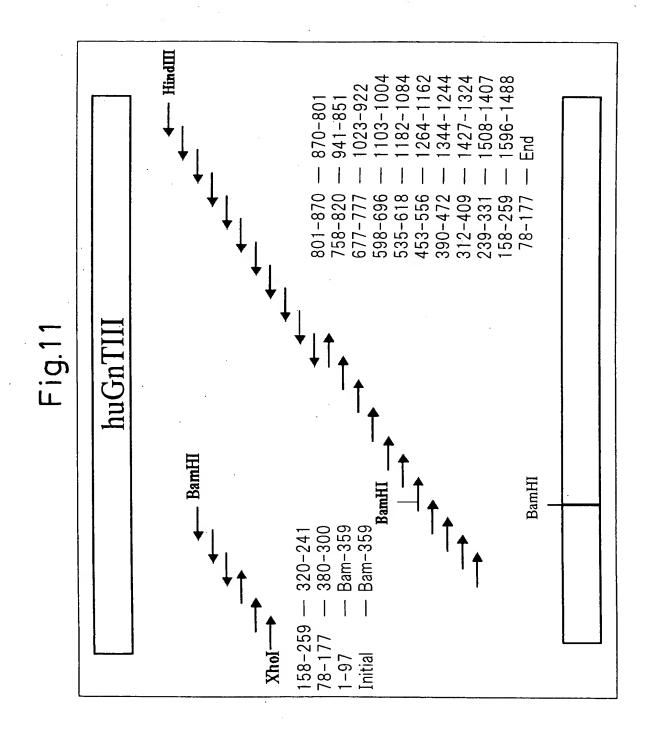
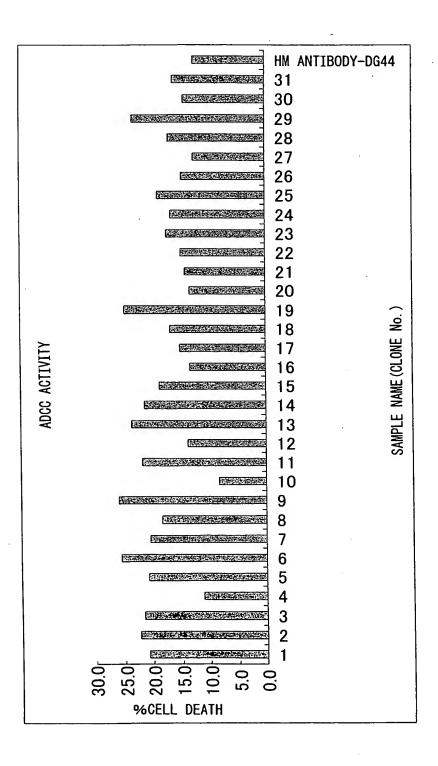


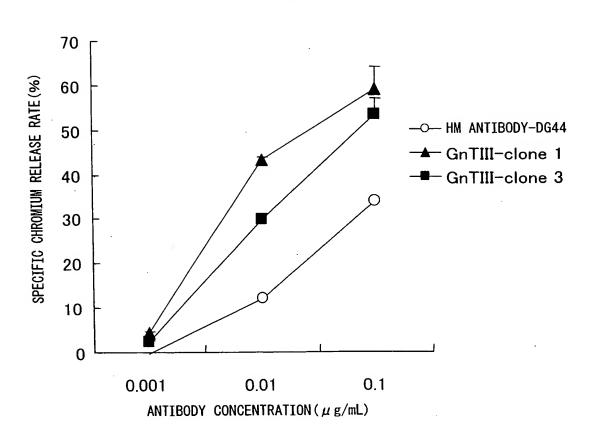
Fig.12



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Inventor(s): Shigeto KAWAI et al.

Appl. No.: Unassigned Atty. Dkt. No.: 053466-0414

Fig.13



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Inventor(s): Shigeto KAWAI et al.
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Fig. 14

GnTIII	mut.nuc	1:ATGAGACGCTACAAGCTCTTTCTCATGTTCTGTATGGCCGGCC
GnTIII	ori.nuc	1:ATGAGACGCTACAAGCTCTTTCTCATGTTCTGTATGGCCGGCC

GnTIII	GnTIII mt.nuc	61:CTGCACTÍCTTCAAGACCCTGTCCTATGTCACCTTCCCACGAGAACTGGCCTCCCTC
GnTIII	ori.nuc	61:CTGCACTTCTTCAAGACCCTGTCCTATGTCACCTTCCCCCGAGAACTGGCCTCCCTC

GnTIII	mt.nuc	121:CCTAACCTGGTGTCCAGCTTTTTCTGGAACAATGCCCCGGTCACGCCCCAGGCCCAGGCCT 180
GnTIII	ori.nuc	121:CCTAACCTGGTGTCCAGCTTTTTCTGGAACAATGCCCCGGTCACGCCCCAGGCCAGCCCC 180
	•	********************
GnTIII	mt.nuc	181:GAGCCAGGAGGCCCTGACCTGCTGCGTACCCCACTCTACTCCCACTCGCCCCTGCTGCAG 240
GnTIII	ori.nuc	181:GAGCCAGGAGGCCCTGACCTGCTGCGTACCCCACTCTACTCCCACTCGCCCCTGCTGCAG 240

GnTIII	mt.nuc	241:CCGCTGCCGCCCAGCAAGGCGGCCGAGGAGCTCCACCGGGTGGACTTGGTGCTGCCCGAG 300
GnTIII	ori.nuc	241:CCGCTGCCGCCCAGCAAGGCGGCCGAGGAGCTCCACCGGGTGGACTTGGTGCTGCCCGAG 300

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		水水水水水水水水水水水水水水水水水水水 水水水水水水水水水水水 计计算计算计算计算	
	009	541:GGCGTGCCCACTGTGGTGCAGTACTCCAACCTGCCCACCAAGGAGCGGCTGGTGCCCAGG	GnTIII ori.nuc
	009	541:GGCGTGCCCACTGTGGTGCAGTATTCCAACCTGCCTACCAAGGAGCGGCTGGTGCCCAGG	GnTIII mt.nuc
		法未予证券的法律的证券的证券的证券的证券的证券的证券的证券的证券的证券的证券的证券的证券的证券的	
	540	481:GGCGCCCGGCGCAAGTGGGTGGAGTGCGTGTGCCTGCCCGGCTGGCACGGACCCAGCTGC	GnTIII ori.nuc
	540	481:GGTGCACGACGCAAGTGGGTGGTGTGTGTCTGCCCGGATGGCACGGACCCAGCTGC	GnTIII mt.nuc
		法法检查证法法检查证法法检证法检查证法检查证法检查证法检查证法检查证法检查证法检	
_	480	421:TCCTEGGCCCGGCGGCCACCCCGGTACCTCCTGAGCGCCCCGGGAGCGCACGGGGGGCCGA	GnTIII ori.nuc
	480	421:TCCTCGGCCCGGCGACCACCCCGGTACCTCCTGAGCGCCCCGGGAGCGCACGGGGGGCCGA	GnTIII mt.nuc
		化水水水水水水水水水水水水水水水水水水水水水 医水水水水 化水水水水水水水水水水	
	420	361:AAGATGCTGGAGGCCGCCCCCGGGACGGCCGGAGGAGGCCTGAGGGGGGCCAACGGC	GnTIII ori.nuc
_	420	361:AAGATGCTGGAGAGCCGCCTCCGGGACGACCGAGGAGAAGCCTGAGGGGGCCAACGGA	GnTIII mt.nuc
		化妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆 松林 化妆妆妆妆妆妆妆妆妆妆妆妆妆	
_	36(301:GACACCACCGAGTATTTCGTGCGCACCAAGGCCGGCGGCGTCTGCTTCAAACCCGGCACC 360	GnTIII ori.nuc
_	360	301:GACACCACCGAGTATTTCGTGCGCACCAAGGCTGGAGGCGTCTGCTTCAAACCCGGCACC	GnTIII mt.nuc

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9
601:GAGGTGCCGCGCGCGTCATCAACGCCATCAACGTCAACCACGAGTTCGACCTGCTGGAC

661:GTGCGCTTCCACGAGCTGGCGACGTGGTGGACGCCTTTGTGGTGTGCGAGTCCAACTTC
661:GTGCGCTTCCACGAGCTGGCGACGTGGTGGACGCCTTTGTGGTGTGTGCGAGTCCAACTTC

721: ACGGCTTATGGGGAGCCGCGGCCGCTCAAGTTCCGGGAGATGCTGACCAATGGCACCTTC
721:ACGGCTTATGGGGAGCCGCCGCCCCTCAAGTTCCGGGAGATGCTGACCAATGGCACCTTC

781:GAGTACATCCGCCACAAGGTGCTCTATGTCTTCCTGGACCACTTTCCTCCTGGAGGACGA
781:GAGTACATCCGCCACAAGGTGCTCTATGTCTTCCTGGACCACTTCCCGCCCG

841:CAAGATGGATGGCCGACGACTACCTGCGCACCTTCCTCACCCAGGACGGCGTCTCG
841:CAGGACGGCTGGATCGCCGACGACTACCTGCGCACCTTCCTCACCCAGGACGGCGTCTCG

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Appl. No.: Unassigned Atty. Dkt. No.: 053466-0414

Fig.

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ori.nuc 1141:CGCCGCCAGTACTACACCATGCCCAACTTCAGACAGTATGAGAACCGCACGGCCACATC 1200	GnTIII o
mt.nuc 1141:CGCCGCCAATACTACACCATGCCCAACTTCAGACAGTATGAGAACCGCACCGGACACAT 1200	GnTIII m

ori.nuc 1081:TCAGGCTGCACGGTGGACATGCTGCAGGCAGTGTATGGGCTGGACGGCATCCGCCTGCGC 1140	GnTIII
mt.nuc 1081:TCAGGCTGCACGGTGGACATGCTGCAGGCAGTGTATGGGCTGGACGGCATCCGCCTGCGC 1140	GnTIII m
化水板水板水板水板水板水板水板水板 化水水板水板水 化水水水板 计非非常的计算计算计算计算计算计算计算计算计算计算计算计算计算计算计算计算计算计算计算	
ori.nuc 1021:CACATGCGCACGTCGCTCTACGGCTTCTTCTGGAAGCAGCCGGGCACCCTGGAGGTGGTG 1080	GnTIII o
mt.nuc 1021:CACATGCGCACGTCGCTCTACGGATTCTTTGGAAGCAACCGGGCACCCTGGAGGTGGTG 1080	GnTIII m
水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水 化艾米米米米米米米米米米	
ori.nuc 961:GCCCGTGACGGCGTCCTTTTCCTCAAGCTCTACGATGGCTGGACCGAGCCCTTCGCCTTC 1020	GnTIII
mt.nuc 961:GCCCGTGACGGCGTCCTGTTCCTCAAGCTCTACGATGGCTGGACCGAGCCCTTCGCCTTC 1020	GnTIII m

ori.nuc 901:CGGCTGCGCAACCTGCGGCCCGACGACGTCTTCATCATTGACGATGCGGACGAGATCCCG 960	GnTIII o
mt.nuc 901:CGGCTGCGCAACCTGCGGCCCGACGACGTCTTCATCATTGACGATGCGGACGAGATCCCG 960	GnTIII m

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Fig. 18

	的复数形式 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性
1500	GnTIII ori.nuc 1441:GCGCCCAAGTACCTGCTGAAGAACTACGACCGGTTCCACTACCTGCTGGACAACCCCTAC
1500	GNTIII mt.nuc 1441:GCGCCCAAGTACCTGCTGAAGAACTACGACCGGTTCCACTACCTTCTGGACAACCCCTAC
	化妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆妆
1440	GnTIII ori.nuc 1381:GGCTGGTTCGACGCCACGCAGGAGTACCCGCCTGCAGACCCCAGCGAGCACATGTAT
1440	GnTIII mt.nuc 1381:GGCTGGTTCGACGGCACGCAGCAAGAGTACCCGCCTGCAGACCCCAGCGAGCACATGTAT

1380	GnTIII ori.nuc 1321:TGGGGTGACTACGAGGACAAGCGGGACCTGAACTACATCCGCGGCCTGATCCGCACCGGG
1380	GNTIII mt.nuc 1321:TGGGGTGACTACGAGGACAAGCGGGACCTGAACTACATCCGCGGCCTGATCCGCACCGGG

1320	GnTIII ori.nuc 1261:TTCACGCCCGAGGGCATCTACTTCAAGCTCGTGTCCGCCCAGAATGGCGACTTCCCACGC 1320
1320	GNTIII mt.nuc 1261:TTCACGCCCCGAGGGCATCTACTTCAAGCTCGTGTCCGCCCAGAATGGCGACTTCCCACGC

1260	GNTIII ori.nuc 1201:CTGGTGCAGTGGTCGCTGGCCAGCCCCCTGCACTTCGCCGGCTGGCACTGCTCCTGGTGC
1260	GNTIII mt.nuc 1201:CTGGTGCAGTGGTCGCTGGGCAGCCCCCTTCACTTCGCCGGCTGGCACTGCTCCTGGTGC 1260

GnTIII mt.nuc 1501:CGnTIII ori.nuc 1501:	1501:CAGGAGCCCAGGAGCACGGCTGCGGAGGATGGCGCCCACAGGGGTCCTGAAGGAAG	AAGACCG 1560 AAGGCCG 1560 ***
GnTIII mt.nuc	1561:CCTGCTCGGGGAAAACTGGACGAGGCGGAAGTCTAG	1596
GnTIII ori.nuc 1561:	1561:CCCGCCCGGGCAAACTGGACGAGGCGGAAGTCTAG	1596
